

Nucleic Acid Sequence and Encoded Amino Acid Sequence of a
Human MDMIP Polypeptide

1 GCACGAGCGTATNAAAAAATGTTTTCCATGTTTATGGAAAAGGCT
A R A Y X K M F S M F M E K A
46 GGAAGTGCTGGTGTAAAATGCCCAAGCTCATAATAGATACTCCT
G K C W C K M P K L I I D T P
91 TTCTCCATTGTTGCCCCTGCTCTAACTGCTGTTCTTTCTTGCCAG
F S I V A P A L T A V L S C Q
136 CTTGTTGTTCCCTCTGGCTTGTTGGGGGCACGGCTGTNTCCATGT
L R C S L W L V G A R L X P C
181 GGCAAGGTGGAAGGCATGGACGTGTGGAGGAGGCGCTGGAGCTGA
G K V E G M D V W R R R W S (SEQ ID NO:2)
226 AGGAATGGACGAGCCCTGGGAGGAGGGCAGAAGGCTACGCAGGGC
271 TGAGGATGAAGATGCAGCCCCTGGATNGTCCCCAGACTCTCAGGA
316 CATTGCCCAGTCAAGGGTTCGAGCCACNAGGNCTTGGCTCATATG
361 GCATGAAGGGGAACCTTGCATAAGAAGCCCCCTCCCTGGTTGTGGT
406 CCTGGCCCTCTGTTCTGGAAAAGTGGNTCNTAGNCCCCCTGGTTT
451 TTNGCAAAGCCTGAAGAAAGGGAAANTCCCCATGGG (SEQ ID NO:1)

FIG. 1

Nucleic Acid Sequence Encoding a MDMIP-Binding MDM2 Polypeptide
Fragment Derived from a Human MDM2 Polypeptide

atgtgcaat accaacaatgt ctgtacctac tgatggtgct gtaaccacct cacagattcc agcttcggaa
caagagaccc tggttagacc aaagccattg cttttgaagt tattaaagtc tgttggtgca caaaaagaca
cttatactat gaaagagggtt cttttttatc ttggccagta tattatgact aaacgattat atgatgagaa
gcaacaacat attgtatatt gttcaaatga tcttctagga gatttgtttg gcgtgccaaag cttctctgtg
aaagagcaca ggaaaatata taccatgac tacaggaact tggtagtagt caatcagcag gaatcatcgg
actcaggtag atctgtgagt gagaacaggt gtcaccttga aggtgggagt gatcaaaagg accttgtaga
agagcttcag gaagagaaac cttcatcttc acatttggtt tctagaccat ctacctatc tagaaggaga
gcaattagtg agacagaaga aaattcagat gaattatctg gtgaacgaca aagaaaacgc cacaaatctg
atagtatttc cctttccttt gatgaaagcc tggtctctgtg tgtaataagg gagatatgt gtgaaagaag
cagtagcagt gaatctacag gga (SEQ ID NO:3)

Fig. 2A

Amino Acid Sequence of MDMIP-Binding MDM2 Polypeptide Fragment
Derived from a Human MDM2 Polypeptide

MCNTNMSVPTDGA VTTSQIPASEQETLVRPKPLLLKLLKSVGAQKDTYTM
KEVL FYLQYIMTKR LYDEKQQHIVYCSNDLLGDLFGVPSFSVKEHRKIYT
MIYRNLVVVNQQESSDSGTSVSEN RCHLEGGSDQKDLVQELQEEKPSSSH
LVSRPSTSSRRRAISET EENSDEL SGERQKRHKSDSISLSFDESLALCV
IREICCERSSSSSESTG (SEQ ID NO:4)

Fig. 2B